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TOWNSEND and TOWNSEND and CREW LLP  
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PATENT  
Attorney Docket No.: 015280-405100US  
Client Ref. No.: DHHS No.: E-293-1999/0-US-06

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Stephen H. Leppla *et al.*

Application No.: 10/088,952

Filed: March 22, 2002

For: MUTATED ANTHRAX TOXIN  
PROTECTIVE ANTIGEN PROTEINS  
THAT SPECIFICALLY TARGET  
CELLS CONTAINING HIGH  
AMOUNTS OF CELL-SURFACE  
METALLOPROTEINASES OR  
PLASMINOGEN ACTIVATOR  
RECEPTORS

Customer No.: 45115

Confirmation No. 4741

Examiner: Brandon J. Fetterolf

Technology Center/Art Unit: 1642

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This amendment is filed in response to the Office Action mailed September 15, 2006. A Petition and fee for a two month extension of time, thereby extending the deadline for response to on or before February 15, 2006, accompany this amendment. Accordingly, this response is timely filed. Please enter the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.